

IN THE CLAIMS

Please cancel claims 12-19.

1. (Currently Amended) A beneficiated sludge solids composition characterized by its ability to reduce ammonia emissions , the composition [comprising] consisting essentially of:

digested municipal sewage sludge containing carbonate or carbon dioxide;

ammonium sulfate;

mineral acid; and

phosphate salt;

wherein the acid causes decomposition of the carbonate or carbon dioxide so that
ammonia emissions are minimized.
2. (Original) *The beneficiated sludge solids composition of Claim 1, comprising on a water-free basis: about 10 wt.% to about 77 wt.% of said digested municipal sewage sludge; about 21 wt.% to about 88 wt.% of said ammonium sulfate; about 1 wt.% to about 12 wt.% of said mineral acid; and about 0.3 wt.% to about 6 wt.% of said phosphate salt.*
3. (Original) *The beneficiated sludge solids composition of Claim 1, comprising on a water-free basis: about 25 wt.% to about 75 wt.% of said digested municipal sewage sludge; about 23 wt.% to about 73 wt.% of said ammonium sulfate; about 2.5 wt.% to about 9 wt.% of said mineral acid; and about 0.5 wt.% to about 5 wt.% of said phosphate salt.*
4. (Original) *The beneficiated sludge solids composition of Claim 1, comprising on a water-free basis: about 35 wt.% to about 70 wt.% of said digested municipal sewage sludge; about 28 wt.% to about 63 wt.% of said ammonium sulfate; about 2.5 wt.% to about 9 wt.% of said mineral acid; and about 0.5 wt.% to about 5 wt.% of said phosphate salt.*

5. (Original) *The beneficiated sludge solids composition of Claim 1, wherein the digested municipal sewage sludge is anaerobically digested.*
6. (Original) *The beneficiated sludge solids composition of Claim 1, wherein the mineral acid is at least one member selected from the group consisting of sulfuric acid and phosphoric acid.*
7. (Original) *The beneficiated sludge solids composition of Claim 1, wherein the phosphate salt is at least one member selected from the group consisting of ammonium metaphosphate (NH_4PO_3), ammonium monobasic phosphate ($\text{NH}_4\text{H}_2\text{PO}_4$), ammonium dibasic phosphate ($(\text{NH}_4)_2\text{HPO}_4$), ammonium polyphosphate ($(\text{NH}_4)_5\text{P}_3\text{O}_{10}$), trisodium phosphate (Na_3PO_4), tetrasodium pyrophosphate ($\text{Na}_4\text{P}_2\text{O}_7$), sodium tripolyphosphate ($\text{Na}_5\text{P}_3\text{O}_{10}$), hexasodium hexaphosphate ($\text{Na}_6\text{P}_6\text{O}_{18}$), potassium metaphosphate (KPO_3), potassium pyrophosphate ($\text{K}_4\text{P}_2\text{O}_7$), potassium monobasic phosphate (KH_2PO_4), potassium dibasic phosphate (KHPO_4), potassium tribasic phosphate (K_3PO_4) and calcium superphosphate ($\text{Ca}(\text{H}_2\text{PO}_4)_2$).*
8. (Previously Amended) *The beneficiated sludge solids composition of Claim 1, wherein the phosphate salt is at least one member selected from the group consisting of trisodium phosphate and sodium tripolyphosphate.*
9. (Original) *The beneficiated sludge solids composition of Claim 1, having a water content of between about 0 wt.% to about 10 wt.%.*
10. (Original) *The beneficiated sludge solids composition of Claim 1, having a water content of between about 0 wt.% to about 5 wt.%.*
11. (Original) *The beneficiated sludge solids composition of Claim 10 in granulated form.*

CLAIMS 12 – 29 (WITHDRAWN)

ADDED CLAIMS

30. (Added) A beneficiated sludge solids composition characterized by its ability to reduce ammonia emissions, the composition comprising:
- digested municipal sewage sludge containing carbonate or carbon dioxide;
- ammonium sulfate;
- mineral acid; and
- phosphate salt, wherein the salt is selected from the group of trisodium phosphate or sodium tripolyphosphate;
- wherein the acid causes decomposition of the carbonate or carbon dioxide so that ammonia emissions are minimized.
31. (Added) The beneficiated sludge solids composition of Claim 30, comprising on a water-free basis: about 10 wt.% to about 77 wt.% of said digested municipal sewage sludge; about 21 wt.% to about 88 wt.% of said ammonium sulfate; about 1 wt.% to about 12 wt.% of said mineral acid; and about 0.3 wt.% to about 6 wt.% of said phosphate salt.
32. (Added) The beneficiated sludge solids composition of Claim 30, comprising on a water-free basis: about 25 wt.% to about 75 wt.% of said digested municipal sewage sludge; about 23 wt.% to about 73 wt.% of said ammonium sulfate; about 2.5 wt.% to about 9 wt.% of said mineral acid; and about 0.5 wt.% to about 5 wt.% of said phosphate salt.
33. (Added) The beneficiated sludge solids composition of Claim 30, comprising on a water-free basis: about 35 wt.% to about 70 wt.% of said digested municipal sewage sludge; about 28 wt.% to about 63 wt.% of said ammonium sulfate; about 2.5 wt.% to about 9 wt.% of said mineral acid; and about 0.5 wt.% to about 5 wt.% of said phosphate salt.